

Set	Items	Descript
S1	184213	DATABASE? OR DATABANK? OR DATAMIN? OR (DATA OR RECORD) (1W) - (MANAG? OR BASE? OR BANK? OR MINE? ? OR REPOSITOR? OR MINING) OR DB OR DBS OR OODB OR RDB OR DBMS OR RDBMS
S2	1737282	FAMILY OR FAMILIES OR RELATION? OR RELATE? ? OR COMMON? OR ASSOCIAT? OR LINK??? OR SHARE? OR SHARING? OR CATEGORY OR CAT- EGORIES
S3	1843896	DUPLICAT? OR DUPE? ? OR DEDUPE? ? OR DEDUPLICAT? OR REPEAT? OR IDENTICAL? OR SAME OR SIMILIAR? OR REPETITION?
S4	5424227	DATA OR RECORD? ? OR INFORMATION OR ELEMENT? OR OBJECT? ? - OR FILE OR FILES OR CONTENT? ? OR ITEM OR ITEMS
S5	1257	S2(5N)S4 AND S3(5N)S4 AND S1
S6	852	S2(3N)S4 AND S3(3N)S4 AND S1
S7	2743784	SORT? ? OR ARRANG? OR INDEX? OR ADD OR ADDS OR ADDING OR O- GANISE? OR ORGANISING OR ORGANIZE? OR ORGANIZATION OR MERGE? - OR MERGING? OR (PUT OR PUTS OR PUTTING OR BRING? OR PLACE?) (-)TOGETHER
S8	89	S7(3N)S4 AND S6
S9	83	S8 AND IC=G06F?
S10	21	S9 AND MC=(T01-J05B1 OR T01-J05B4M OR T01-S03)
S11	5193032	VALUE? ? OR CRITERI? OR SPECIFIC? OR PROPERT? OR FEATUR? OR IDENTIFIER? OR FIELD? ? OR ELEMENT? OR INDICATOR?
S12	46	S11 AND S9
S13	33	S12 NOT S10

?show files

File 347:JAPIO Nov 1976-2004/May(Updated 040903)
(c) 2004 JPO & JAPIO

File 350:Derwent WPIX 1963-2004/UD,UM &UP=200460
(c) 2004 Thomson Derwent

?

?t s10/5/1,2,4,6,8,18,19

10/5/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

015953919 **Image available**
WPI Acc No: 2004-111760/200412
XRPX Acc No: N04-089015

Method for bringing together similar objects specified in different data bases , comprises stages of linking objects by use and comparing technical characteristics to obtain a level of equivalence

Patent Assignee: SERENIA SA (SERE-N)

Inventor: LEJZEROWICZ T

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
FR 2841672	A1	20040102	FR 20028200	A	20020701	200412 B

Priority Applications (No Type Date): FR 20028200 A 20020701

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
FR 2841672	A1	22	G06F-017/30		

Abstract (Basic): FR 2841672 A1

NOVELTY - Objects contained in **data bases** (4,5), are entered into a destination **data base** (6) and in a first stage classified according to categories, use and characteristics (12,13,14,). In a second stage all the objects in the first and second catalogues having the same use are placed in a reconciliation table (16). Finally technical characteristics (15) are compared field by field, analysed (17) and an equivalence level produced for the reconciliation table.

USE - To establish levels of equivalence between similar or **identical objects** in two or more **data bases** . Particular application to equipment catalogues produced by different manufacturers or suppliers

ADVANTAGE - The method enables the cost of large scale purchases of many items to be minimised by identifying equivalent uses and technical characteristics between products offered by various manufacturers or suppliers

DESCRIPTION OF DRAWING(S) - The drawing shows the structure of the destination **data base** .(The drawing includes non-English language text)

Object **data bases** (4,5)
Destination **data base** (6)
Categories, sub-categories and use (12,13,14,)
Technical characteristics (15)
Reconciliation table (16)
Technical comparison analysis (17)
pp; 22 DwgNo 2/5

Title Terms: METHOD; SIMILAR; OBJECT; SPECIFIED; DATA; BASE; COMPRISE;
STAGE; LINK; OBJECT; COMPARE; TECHNICAL; CHARACTERISTIC; OBTAIN; LEVEL;
EQUIVALENCE

Derwent Class: T01

International Patent Class (Main): G06F-017/30

File Segment: EPI

10/5/2 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

015877665 **Image available**
WPI Acc No: 2004-035498/200403
XRPX Acc No: N04-028212

Law practice information management system for corporate claims, has network to transmit requests from program and to return responses to it,

where system is for data transmissions over network to from browser client

Patent Assignee: CHEVRON USA INC (CALI)
Inventor: ANGLE A; MURILLO C D; USHER M
Number of Countries: 102 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 2003102820	A1	20031211	WO 2003US15533	A	20030516	200403 B
US 20040019496	A1	20040129	US 2002384739	P	20020530	200413
			US 2003406867	A	20030404	
AU 2003232153	A1	20031219	AU 2003232153	A	20030516	200449

Priority Applications (No Type Date): US 2003406867 A 20030404; US 2002384739 P 20020530

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 2003102820	A1	E	31	G06F-017/30	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW

Designated States (Regional): AT BE BG CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU IE IT KE LS LU MC MW MZ NL OA PT RO SD SE SI SK SL SZ TR TZ UG ZM ZW

US 20040019496 A1 G06F-017/60 Provisional application US 2002384739

AU 2003232153 A1 G06F-017/30 Based on patent WO 2003102820

Abstract (Basic): WO 2003102820 A1

NOVELTY - The system has a **database** (145) for storing records in a data structure, and a software code portion for editing the structure. A network (130) communicates with a computer for transmitting add, delete, query, or update requests from a client program, and returning responses to the requests to the program. The system is adapted for data transmissions over the network to or from a web browser client.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for a method for law practice information management system.

USE - Used for tracking **information associated** with corporate claims, advice, regulatory and litigation matters.

ADVANTAGE - The system reduces the time to search, retrieve, **sort**, and **organize data** needed in legal practices to minutes rather than months. The system eliminates **duplicative information**, thereby reducing or eliminating data update or delete errors.

DESCRIPTION OF DRAWING(S) - The drawing shows a schematic block diagram of a law practice information management system.

Network (130)

Database management system (140)

Legal information system (142)

File server (143)

Database (145)

pp; 31 DwgNo 1/7

Title Terms: LAW; PRACTICE; INFORMATION; MANAGEMENT; SYSTEM; CLAIM; NETWORK ; TRANSMIT; REQUEST; PROGRAM; RETURN; RESPOND; SYSTEM; DATA; TRANSMISSION ; NETWORK; CLIENT

Derwent Class: T01

International Patent Class (Main): G06F-017/30 ; G06F-017/60

File Segment: EPI

10/5/4 (Item 4 from file: 350)

DIALOG(R) File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

015684075 **Image available**

WPI Acc No: 2003-746264/200370

XRFX Acc No: N03-597946

Data family record managing method, involves adding designated record to family of records when determined that designated record is not duplicate of data records in family, and setting indicator to indicate relationship

Patent Assignee: MEINIG K (MEIN-I)

Inventor: MEINIG K

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030167253	A1	20030904	US 200291378	A	20020304	200370 B

Priority Applications (No Type Date): US 200291378 A 20020304

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20030167253	A1		39	G06F-007/00	

Abstract (Basic): US 20030167253 A1

NOVELTY - The method involves **adding** a designated **record** to the potential **family** of **records** when it is automatically determined that the designated **record** is not a duplicate of the **records** in the **family**. An indicator is automatically set in each of the data **records** in the potential **family** of **records** to indicate a **family relationship** between the **records**.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(a) a computer-readable memory medium

(b) a **record management** system.

USE - Used for identifying **relationship** among **data records**.

ADVANTAGE - The method automatically determines missing information from a particular data **record** and also deletes **duplicate records**.

DESCRIPTION OF DRAWING(S) - The drawing shows an example flowchart of a routine for importing and automatically de- **duplicating** a **file** of new data records.

pp; 39 DwgNo 7B/24

Title Terms: DATA; FAMILY; RECORD; MANAGE; METHOD; ADD; DESIGNATED; RECORD; FAMILY; RECORD; DETERMINE; DESIGNATED; RECORD; DUPLICATE; DATA; RECORD; FAMILY; SET; INDICATE; INDICATE; RELATED

Derwent Class: T01

International Patent Class (Main): **G06F-007/00**

File Segment: EPI

10/5/6 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

015441395 **Image available**

WPI Acc No: 2003-503537/200347

XRFX Acc No: N03-399728

Multiple records consolidating method in various organizations and enterprises, involves merging two identified records based on data obtained by comparison of identified records

Patent Assignee: SIEMENS MEDICAL SOLUTIONS HEALTH SERVICE (SIEI)

Inventor: BROWN B C; ROTTER J M

Number of Countries: 033 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030046280	A1	20030306	US 2001317152	P	20010905	200347 B
			US 2001993041	A	20011106	
WO 200321485	A2	20030313	WO 2002US27501	A	20020828	200347
EP 1423802	A2	20040602	EP 2002757448	A	20020828	200436
			WO 2002US27501	A	20020828	

Priority Applications (No Type Date): US 2001317152 P 20010905; US 2001993041 A 20011106

applicant

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
US 20030046280 A1 29 G06F-007/00 Provisional application US 2001317152

WO 200321485 A2 E G06F-017/30

Designated States (National): CA JP

Designated States (Regional): AT BE BG CH CY CZ DE DK EE ES FI FR GB GR
IE IT LU MC NL PT SE SK TR

EP 1423802 A2 E G06F-017/30 Based on patent WO 200321485

Designated States (Regional): AL AT BE BG CH CY CZ DE DK EE ES FI FR GB
GR IE IT LI LT LU LV MC MK NL PT RO SE SI SK TR

Abstract (Basic): US 20030046280 A1

NOVELTY - The method involves identifying two records. A record matching criteria is then applied to compare the data in the two identified **records** to determine a common **data**. The **data common** in both the **records** are **merged** together into a composite record in response to the determined **common data**.

USE - Used for consolidating multiple records in various organizations and enterprises e.g. health care field.

ADVANTAGE - The redundant and **duplicate data** are identified effectively and consolidated into a single entity and stored ones repository. This method allows the space to be increased in the memory by deleting all the unwanted data stored. The record about a patient is maintained as unique one if the patient has one or more records, thereby limiting the problem of receiving the wrong treatment.

DESCRIPTION OF DRAWING(S) - The drawing shows a system including an application for preventing the creation of **duplicate records** and for consolidating multiple **records** that are **associated** with a single entity and managing the associated workload.

Record manager application (200)

Duplicate record report process (205)

Web browser (210)

Electronic master person index (213)

Clinical **data repository**. (217)

pp; 29 DwgNo 2/21

Title Terms: MULTIPLE; RECORD; CONSOLIDATE; METHOD; VARIOUS; MERGE; TWO;

IDENTIFY; RECORD; BASED; DATA; OBTAIN; COMPARE; IDENTIFY; RECORD

Derwent Class: S05; T01

International Patent Class (Main): G06F-007/00 ; G06F-017/30

File Segment: EPI

10/5/8 (Item 8 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

015080424 **Image available**

WPI Acc No: 2003-140942/200313

XRPX Acc No: N03-111885

Time- indexed relational data bank for automatic informatic

documentation stores unique content against multiple origination pointers

Patent Assignee: NOVA RATIO AG (NOVA-N)

Inventor: WAGNER G

Number of Countries: 101 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200303247	A2	20030109	WO 2002EP6896	A	20020621	200313 B
EP 1402421	A2	20040331	EP 2002751060	A	20020621	200424
			WO 2002EP6896	A	20020621	
AU 2002351958	A1	20030303	AU 2002351958	A	20020621	200452

Priority Applications (No Type Date): DE 10130582 A 20010627

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200303247 A2 G 42 G06F-017/30

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA

CH CN CO CR CU CZ DE DM DZ EC EE ES FI GB GD GE GH HR HU ID IL IN
IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ
OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU
ZA ZM ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZM ZW

EP 1402421 A2 G G06F-017/30 Based on patent WO 200303247

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
LI LT LU LV MC MK NL PT RO SE SI TR

AU 2002351958 A1 G06F-017/30 Based on patent WO 200303247

Abstract (Basic): WO 2003003247 A2

NOVELTY - The system deposits information content and its origination history in separate regions, as e.g. data sets or tabulations in the **data bank**. A 1 to 1 **relationship** exist between information **content** and origination. Where identical **content** is **associated** with different originations, only one content set is stored against the origination pointers.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for the documentation system and its program.

USE - A time- **indexed relational data bank**.

ADVANTAGE - Data volumes and accession times are held within technical limitations.

DESCRIPTION OF DRAWING(S) - A block schematic diagram illustrates the system.

pp; 42 DwgNo 1/2

Title Terms: TIME; INDEX; RELATED; DATA; BANK; AUTOMATIC; DOCUMENT; STORAGE
; UNIQUE; CONTENT; MULTIPLE; POINT

Derwent Class: T01

International Patent Class (Main): G06F-017/30

File Segment: EPI

10/5/18 (Item 18 from file: 350)

DIALOG(R) File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

013097716 **Image available**

WPI Acc No: 2000-269588/200023

XPX Acc No: N00-201762

Data management system e.g. for file and database management, has control repository communicates with users of design control system fulfilling requesting of user

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)

Inventor: MUELLER J L; VAN HUBEN G A

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6035297	A	20000307	US 96847393	A	19961206	200023 B

Priority Applications (No Type Date): US 96847393 A 19961206

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6035297	A		92	G06F-017/30	

Abstract (Basic): US 6035297 A

NOVELTY - The system has a control repository communicates with users of the design control system fulfilling requesting of a user and the **data repositories** of the **data management** control system through several managers. Each manager performs a unique function, the managers act as building blocks which can be combined in several manners to support an environment suitable multiple users of a user community.

DETAILED DESCRIPTION - The **data management** control system has a **data management** model structure capable of tracking several data objects governed under similar or disparate processes, all objects are classified as part of a library, having one or more types. Each type

has one or more versions, and each version has one or more levels. The library is a grouping of **objects** which all have **common** characteristics causing them to belong to the same library grouping, and within a library, **data** are **organized** by version, versions allow parallel evolution of the **same** component **data** **element** to coexist in the same library enabling multiple versions of a component data element to be developed in tandem while using the **same** **object** name and residing in the same library and at the same level simultaneously. For each version, there is a level structure denoting a degree of completeness, stability or quality control enabling the **data** **manager** to establish a level structure commensurate with the goals and objectives of the user community. Some data objects are at a level chained to another level to allow data to migrate from one Level to the next, and any or all of these Levels can be designated as Entry Levels allowing data to be entered into this Entry Level from a user's Private Library. There are also levels categorized as working levels and release levels data in working levels is transitory, and must eventually migrate to a release level, while release levels provide permanent storage vaults for a coherent set of data.

USE - For file and **database** management.

ADVANTAGE - Provides continuous tracking of created model while allowing user to modify it by adding components, deleting, components, changing status or deleting created model, and allowing promotion of model in data processing system through libraries of data processing system with various management tools.

DESCRIPTION OF DRAWING(S) - The figure shows the overall structure of the Design Control System's **Data** **Management** facilities.

pp; 92 DwgNo 11/101

Title Terms: DATA; MANAGEMENT; SYSTEM; FILE; **DATABASE** ; MANAGEMENT; CONTROL; REPOSITORY; COMMUNICATE; USER; DESIGN; CONTROL; SYSTEM; REQUEST; USER

Derwent Class: T01

International Patent Class (Main): **G06F-017/30**

File Segment: EPI

10/5/19 (Item 19 from file: 350)

DIALOG(R) File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

012239907 **Image available**

WPI Acc No: 1999-046015/199904

XRPX Acc No: N99-033517

Data record indexing system for information from different sources - in which data records in one or more databases that may contain information regarding same entity are identified, and associated together for easier access to entity information

Patent Assignee: INITIATE SYSTEMS INC (INIT-N); MADISON INFORMATION TECHNOLOGIES INC (MADI-N)

Inventor: ELLARD S

Number of Countries: 081 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9855947	A1	19981210	WO 98US11438	A	19980603	199904 B
AU 9880572	A	19981221	AU 9880572	A	19980603	199919
US 5991758	A	19991123	US 97870688	A	19970606	200002
EP 993641	A1	20000419	EP 98928878	A	19980603	200024
			WO 98US11438	A	19980603	
JP 2002504248	W	20020205	WO 98US11438	A	19980603	200212
			JP 99502825	A	19980603	
AU 764321	B	20030814	AU 9880572	A	19980603	200363

Priority Applications (No Type Date): US 97870688 A 19970606

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9855947 A1 E 58 G06F-017/30

Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU

CZ DE DK EE ES FI GB GH HU IL IS JP KE KG KP KR KZ LK LR LS LT LU
LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SE TJ TM TR TT UA
UG UZ VN YU ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW

AU 9880572 A G06F-017/30 Based on patent WO 9855947

US 5991758 A G06F-017/30

EP 993641 A1 E G06F-017/30 Based on patent WO 9855947

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI
LU MC NL PT SE

JP 2002504248 W 48 G06F-017/30 Based on patent WO 9855947

AU 764321 B G06F-017/30 Previous Publ. patent AU 9880572

Based on patent WO 9855947

Abstract (Basic): WO 9855947 A

The system **indexes** (34-38) a **data** record from an information source into a **database** containing a number of data records. A record is received from an information source, which has a predetermined number of fields containing information about a particular entity. The data in the received data record is standardised and validated.

The master entity **index** system **indexes** the **data records** within one or more information sources, and determines which data records within the information sources may contain **information** about the **same** entity. The master entity **index** system also **links data records** containing **information** about the **same** entity, such that a search for the particular entity will retrieve all **records** that are **linked** together.

USE - Identifying entity referred to in **data record** and **associating** all **data records** relating to entity within one or more information sources.

ADVANTAGE - Enables **indexing information** concerning entities from several different sources.

Dwg.1/15

Title Terms: DATA; RECORD; INDEX; SYSTEM; INFORMATION; SOURCE; DATA; RECORD ; ONE; MORE; CONTAIN; INFORMATION; ENTITY; IDENTIFY; ASSOCIATE; EASY; ACCESS; ENTITY; INFORMATION

Derwent Class: T01

International Patent Class (Main): G06F-017/30

International Patent Class (Additional): G06F-012/00 ; G06F-015/40 ;

G06F-017/60

File Segment: EPI

10/5/20 (Item 20 from file: 350)

DIALOG(R) File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

012238991 **Image available**

WPI Acc No: 1999-045099/199904

Related WPI Acc No: 1999-287170

XRPX Acc No: N99-032997

File association method for operating system for computer - involves associating all files of same name in synchronisation database to form associated file set

Patent Assignee: MICROSOFT CORP (MICR-N)

Inventor: DICKMAN D R; HYSOM S S; SILVERMAN A L; VEGHTE W L

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5845293	A	19981201	US 94287231	A	19940808	199904 B
			US 97832333	A	19970326	

Priority Applications (No Type Date): US 94287231 A 19940808; US 97832333 A 19970326

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5845293	A	22	G06F-017/30	Cont of application US 94287231	

Abstract (Basic): US 584 3 A

The method involves transferring a selected file and determining if the transfer of the selected file is into a dedicated folder. If the transfer of the selected file is into the dedicated folder, a briefcase file which is a copy of the selected file and having a name and a time-stamp identical with that of selected file is created and the selected file is designated as a synchronised file.

A last reconciliation time-stamp, the name, time-stamp and the paths of the briefcase and the synchronised files are stored into a dedicated synchronisation **database**. The last reconciliation time-stamp is equal to the time-stamp of the briefcase file and all the **files** of the **same** name in synchronization **database** are associated to form an **associated file** set.

USE - For home, office computer.

ADVANTAGE - Enables user to **associate files** intuitively. Allows applications to **merge** conflicting **files**.

Dwg.1A/9

Title Terms: FILE; ASSOCIATE; METHOD; OPERATE; SYSTEM; COMPUTER; ASSOCIATE; FILE; NAME; SYNCHRONISATION; **DATABASE**; FORM; ASSOCIATE; FILE; SET

Derwent Class: T01

International Patent Class (Main): **G06F-017/30**

File Segment: EPI

?

?t s13/5/6,7,10,18,19,20,28,29,31

13/5/6 (Item 6 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2004 JPO & JAPIO. All rts. reserv.

05359461 **Image available**
MANAGEMENT METHOD AND DISPLAY METHOD OF DATABASE

PUB. NO.: 08-314961 [JP 8314961 A]
PUBLISHED: November 29, 1996 (19961129)
INVENTOR(s): YOKOTA YUKO
APPLICANT(s): MITSUBISHI ELECTRIC CORP [000601] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 07-119757 [JP 95119757]
FILED: May 18, 1995 (19950518)
INTL CLASS: [6] G06F-017/30 ; G06F-012/00
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications); 45.2 (INFORMATION PROCESSING -- Memory Units)

ABSTRACT

PURPOSE: To take-out attribute information with a graphic **element** as key, to retrieve comparison among pieces of attribute information, etc., with the graphic **element** as key and, moreover, to classify and integrate **common** pieces of attribute **information** so as to reduce whole data quantity by executing management of the graphic **element** and attribute information in correspondence with each other.

CONSTITUTION: Pointers 1A-3A where an attribute information pointer **value** is stored, which are respectively **arranged** in graphic **information** 1-3, normally has a one-word size. Graphics indicated by graphic **information** 1-3 indicates **common** attribute **information** 4 and allows a user to access the **same** attribute **information** 4 regardless of a selected information in graphic information 1-3. The slave pieces of attribute information 5-7 which are respectively pointed by the pointers 4A-4C with attribute information 4 as the top of master information are provided. The pieces of attribute information 8 and 9 at the time of being respectively pointed by the pointers 5A and 5B with slave attribute information 5 as the master one are also provided. These pieces of attribute information 4-10 respectively store information on attributes which is classified by kind.

13/5/7 (Item 7 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2004 JPO & JAPIO. All rts. reserv.

05081014 **Image available**
MANAGEMENT SYSTEM FOR RELATIONAL DATA BASE

PUB. NO.: 08-036514 [JP 8036514 A]
PUBLISHED: February 06, 1996 (19960206)
INVENTOR(s): HIRUTA MOTOHIRO
APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 06-171342 [JP 94171342]
FILED: July 22, 1994 (19940722)
INTL CLASS: [6] G06F-012/00
JAPIO CLASS: 45.2 (INFORMATION PROCESSING -- Memory Units)

ABSTRACT

PURPOSE: To efficiently retrieve data having a target record number.

CONSTITUTION: A map expansion part 5 reads a file 8 as an **object** of **index** generation out of a **data base** 3 and develops the **relation** between **data elements** A1-, B1-, and C1-included in records to be processed and record numbers 1-in a bit map table, and an index generation part 6 checks the bit map table to generate an index (e.g. A) from data

having many data **element** whose important **element** number is '1' or the data having the least mean **duplicate element** number of **data elements** among the data in the records, and then **records** the index in the **data base** 3. An object record update part 7 sets a record number other than the record number as the cause of the **index** generation to a **record** number to newly be processed and a process judgement part 4 outputs the generation result to a process request terminal 1 which requests the index.

13/5/10 (Item 1 from file: 350)
DIALOG(R) File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

016281332 **Image available**
WPI Acc No: 2004-439227/200441
XRAM Acc No: C04-164496
XRPX Acc No: N04-347507

Agricultural product information organization method e.g. for **pesticide**, involves determining whether commodity activity elements of both commodity element sets are same, to store set in database in predetermined format

Patent Assignee: EDMONDSON P S (EDMO-I); KELLY K (KELL-I); ROCK C (ROCK-I); SPEER J A (SPEE-I)

Inventor: EDMONDSON P S; KELLY K; ROCK C; SPEER J A

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20040093340	A1	20040513	US 2002290319	A	20021108	200441 B

Priority Applications (No Type Date): US 2002290319 A 20021108

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20040093340	A1		40	G06F-017/00	

Abstract (Basic): US 20040093340 A1

NOVELTY - The commodity activity **element** sets comprising different commodity activity **elements**, are provided to a security system. The system determines whether the commodity activity **elements** of both sets are **same**, to store the **elements** set in **database** in predetermined format.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for agricultural product information organizing system.

USE - For organizing **information related** to agricultural product such as pesticide, fertilizer, livestock, produce, food and water product.

ADVANTAGE - Provides alerts and warnings to local, state and federal authorities about the potential for misuse, storage and theft of dangerous chemical.

DESCRIPTION OF DRAWING(S) - The figure shows a schematic view of data structure in security **database**.

- security **database** (105)
- governmental activity data source (125)
- working activity data source (130)
- third-party activity data source (135)
- international regularity activity data source (140)

pp; 40 DwgNo 1/10

Title Terms: AGRICULTURE; PRODUCT; INFORMATION; ORGANISE; METHOD; PEST; DETERMINE; COMMODITY; ACTIVE; **ELEMENT**; COMMODITY; **ELEMENT**; SET; STORAGE; SET; **DATABASE**; PREDETERMINED; FORMAT

Derwent Class: B04; T01

International Patent Class (Main): G06F-017/00

File Segment: CPI; EPI

13/5/18 (Item 9 from file: 350)
DIALOG(R) File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

013815283 **Image available**
WPI Acc No: 2001-299495/200131
XRPX Acc No: N01-214804

Electronic medical record registry system displays registered electronic medical record from main registry database to collect and store information of patient histories from service provider databases
Patent Assignee: UNIV SAN DIEGO STATE FOUND (UYSA-N); SOFTWARE PARTNERS (SOFT-N)

Inventor: KIRNAK A

Number of Countries: 092 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200065522	A2	20001102	WO 2000US11390	A	20000428	200131 B
AU 200048054	A	20001110	AU 200048054	A	20000428	200131
EP 1145180	A2	20011017	EP 2000930190	A	20000428	200169
			WO 2000US11390	A	20000428	

Priority Applications (No Type Date): US 99131434 P 19990428

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200065522 A2 E 28 G06F-019/00

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 200048054 A G06F-019/00 Based on patent WO 200065522

EP 1145180 A2 E G06F-019/00 Based on patent WO 200065522

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI

Abstract (Basic): WO 200065522 A2

NOVELTY - The system has display programs (204a,204b) to display registered medical records. The medical service provider **databases** (200) store electronic medical records having information indicating histories of patients associated with the respective service provider. A registry repository includes a main registry **database** (104) with registered electronic medical records.

DETAILED DESCRIPTION - The system includes a match/merge program (206) which **duplicates** the electronic medical **records** associated with the medical service provider **databases** (200), based on unique patient information, to form the registered medical record of complete patient history. The program assigns a unique patient **identifier** to each patient and assigns the same **identifier** to each medical service provider **database** record stored in the main registry **database** (104). A standard data exchange format is used between the main registry **database** and the service provider **databases** to transfer medical records in a standardized form. An INDEPENDENT CLAIM is also included for method of storing and accessing electronic medical records.

USE - For transferring electronic medical records from heterogeneous **databases** through computers across local networks and internet, into a central registry **database** to **merge** the **records** for presentation.

ADVANTAGE - Allows all service care providers to become part of a network that is updated with immunization information from both private and public **databases** which are willing to **share** electronic medical **records**. The electronic records are processed through a match/merge algorithm, to identify the multiple sourced records belonging to a single patient, and provide a completed patient history at the point of service.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram illustrating the basic architecture for the flow of information and the interfaces to the main registry **database**.

Databases (104,200)

Display programs (204a,204b)

Match/merge prog (206)

pp; 28 DwgNo 2/10

Title Terms: ELECTRONIC; MEDICAL; RECORD; REGISTER; SYSTEM; DISPLAY;
REGISTER; ELECTRONIC; MEDICAL; RECORD; MAIN; REGISTER; **DATABASE** ;
COLLECT; STORAGE; INFORMATION; PATIENT; SERVICE

Derwent Class: T01

International Patent Class (Main): **G06F-019/00**

File Segment: EPI

13/5/19 (Item 10 from file: 350)

DIALOG(R) File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

013722557 **Image available**

WPI Acc No: 2001-206787/200121

XRPX Acc No: N01-148024

**File-control procedure for database processing, involves accessing
transposition file containing organized group of blocks obtained by
dividing record groups of internal file**

Patent Assignee: MITSUBISHI DENKI KK (MITQ); MITSUBISHI ELECTRIC CORP
(MITQ)

Inventor: KORI M

Number of Countries: 003 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001022617	A	20010126	JP 99194590	A	19990708	200121 B
CA 2287608	A1	20010108	CA 2287608	A	19991026	200123
US 6397223	B1	20020528	US 99427113	A	19991026	200243
CA 2287608	C	20030916	CA 2287608	A	19991026	200362

Priority Applications (No Type Date): JP 99194590 A 19990708

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2001022617	A		14	G06F-012/00	
CA 2287608	A1	E		G06F-017/30	
US 6397223	B1			G06F-017/30	
CA 2287608	C	E		G06F-017/30	

Abstract (Basic): JP 2001022617 A

NOVELTY - Each record **field** stored by **element** file, is converted into internal **field** of variable length and the record in internal **field** is divided into record groups (11). A block (12) is generated by dividing **record** group so that **same field** in each **record** is included in **same** group. The blocks are connected to form a new group (13) and such groups are **linked** to form transposition **file** (14) which is accessed based on data read-out demand from **element** file.

USE - For file management in **database** processing.

ADVANTAGE - Limits increase in physical input-output processing during **field** data read out, hence speeds up data read-out process and file control is performed efficiently and flexibly.

DESCRIPTION OF DRAWING(S) - The figure depicts model diagram showing generation of transposition file.

Record group (11)

Block (12)

New group (13)

Transposition file (14)

pp; 14 DwgNo 4/10

Title Terms: FILE; CONTROL; PROCEDURE; **DATABASE** ; PROCESS; ACCESS;

TRANSPPOSE; FILE; CONTAIN; ORGANISE; GROUP; BLOCK; OBTAIN; DIVIDE; RECORD;
GROUP; INTERNAL; FILE

Derwent Class: T01

International Patent Class (Main): **G06F-012/00**

International Patent Class (Additional): **G06F-017/30 ; G06F-017/60**

File Segment: EPI

13/5/20 (Item 11 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

013483071 **Image available**
WPI Acc No: 2000-655014/200063
XRPX Acc No: N00-485431

Electronic case manager in personal injury plaintiffs law office, has database with several tables which are linked through certain identical fields and are managed by database manager

Patent Assignee: HIPERSOFT CORP (HIPE-N)

Inventor: MAXWELL J M

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6098070	A	20000801	US 9894203	A	19980609	200063 B

Priority Applications (No Type Date): US 9894203 A 19980609

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6098070	A		47	G06F-017/00	

Abstract (Basic): US 6098070 A

NOVELTY - The **database** programmed and **arranged** for classifying **data** in a **relational** structure comprises several tables such as clients table, insurers table, defendants table, attorneys table, etc. These tables are linked through certain **identical fields** such as **file number field** and client name **field**. A **database** manager manages the **database** to allow users to generate documents on the output device.

DETAILED DESCRIPTION - The **database** manager includes instructions for **merging data** stored in **records** of table with document templates according to predefined merging tools. The **database** manager manages the **database** accorded to predefined structure rules. The structure rules include, for each incident there will be at least one client record, one defendant record, one insurer record, one or more attorney records, only one incident record, one or more **property** damage records, loss of earning records, medical bill records, witness records, expert witness records, evidence records. The rules also include, for each incident there may be one litigation record, deposition record, discovery record, motion record and cost records corresponding to its tables.

USE - For automation of person injury plaintiffs law office.

ADVANTAGE - Collects and organizes client and defendant level **data related** to injury incident in an efficient manner.

DESCRIPTION OF DRAWING(S) - The figure shows the screen shot of settlement data entry screen.

pp; 47 DwgNo 5B/32

Title Terms: ELECTRONIC; CASE; MANAGE; PERSON; INJURY; LAW; OFFICE;

DATABASE ; TABLE; LINK; THROUGH; IDENTICAL; FIELD ; DATABASE ; MANAGE

Derwent Class: T01

International Patent Class (Main): **G06F-017/00**

File Segment: EPI

13/5/25 (Item 16 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

011293792 **Image available**
WPI Acc No: 1997-271697/199724
XRPX Acc No: N97-225224

Identifying textual documents and multimedia files corresponding to search topic - accepting query and returning single search results list having text and multimedia information

Patent Assignee: INFONAUTICS CORP (INFO-N)

Inventor: BARR T; BEATTI T; HUSICK L A; KOPELMAN J; KR T M S; MORGAN H
; WATKEYS E H; WEINBERGER M I

Number of Countries: 024 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9710537	A2	19970320	WO 96US15664	A	19960913	199724 B
AU 9672026	A	19970401	AU 9672026	A	19960913	199730
WO 9710537	A3	19970424	WO 96US15664	A	19960913	199731
US 5659742	A	19970819	US 95528683	A	19950915	199739
US 5675788	A	19971007	US 95529233	A	19950915	199746
US 5742816	A	19980421	US 95529250	A	19950915	199823

Priority Applications (No Type Date): US 95529250 A 19950915; US 95528683 A
19950915; US 95529233 A 19950915

Cited Patents: No-SR.Pub; US 5241671; US 5404435; US 5404506; US 5524193

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9710537 A2 E 90 G06F-000/00

Designated States (National): AU CA CN JP MX NZ

Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LU MC
NL PT SE

AU 9672026 A G06F-019/00 Based on patent WO 9710537

US 5659742 A 43 G06F-017/30

US 5675788 A 44 G06F-017/30

US 5742816 A 43 G06F-017/30

WO 9710537 A3 G06F-000/00

Abstract (Basic): WO 9710537 A

The method for identifying textual documents and multimedia files involves storing a number of document and multimedia records each of which represent a document or multimedia file. The document **records** have **associated** text **information fields**, each of which represents text from one of the textual documents, and the multimedia records have multimedia information **fields** representing only digital video or audio **information** and **associated** text **fields**, each representing text associated with one of the multimedia information **fields**.

A single search query corresponding to the search topic is received pref in a natural language format, and an index **database** is searched in accordance with the single search query to simultaneously identify document **records** and multimedia **records related** to the single search query. A search result list having entries representing both textual documents and multimedia **files related** to the single search query is generated in accordance with the document records and the multimedia **records** identified by the **index database** search. Text or digital video or audio information corresponding to the search topic is retrieved by selecting entries from the search result list.

USE - Automated multi-user system for identifying and retrieving text and multi-media files from various publisher sources.

ADVANTAGE - Enables searching and retrieval of library or **database** to identify text documents and multimedia files relevant to query.

Dwg.4/12

Title Terms: IDENTIFY; TEXT; DOCUMENT; FILE; CORRESPOND; SEARCH; TOPIC;
ACCEPT; QUERY; RETURN; SINGLE; SEARCH; RESULT; LIST; TEXT; INFORMATION

Derwent Class: T01

International Patent Class (Main): G06F-000/00 ; G06F-017/30 ;
G06F-019/00

File Segment: EPI

13/5/28 (Item 19 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

010421456 **Image available**

WPI Acc No: 1995-322772/199542

XRPX Acc No: N95-242985

Data communication between central host data processor and remote

portable data terminal or data logging or collection - sorting common format records file into groups, using key generated from record fields to retrieve record from reference database for comparison, writing current record to output file if there are differences and sending to terminal

Patent Assignee: TREND INVESTMENTS LTD (TREN-N)

Inventor: MURRAY C; PEELO F

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
IE 64260	B3	19950728	IE 9545	A	19950124	199542 B

Priority Applications (No Type Date): IE 9545 A 19950124

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
IE 64260	B3	22	G06F-015/16		

Abstract (Basic): IE 64260 B

The communications controller comprises a microprocessor circuit, a memory and a non-volatile data storage. For initialisation, the communications controller transmits signals to the host processor to set a data record structure in which communications **specific fields** are embedded, allowing the host processor to carry out either batch or real-time data processing operations and generating an output file in a structure which may be used for further communications.

The communications controller receives a **common -format file** having a preset structure and comprising processed data records from the host processor, automatically **sorts** the **records** in groups according to the processed data record type and writes each record in turn into the communications controller memory. For each record, embedded communications- **specific identifier** data **fields** within the record are read and combined to generate a unique record key.

A reference **database** stored in the non-volatile data storage device is addressed with the generated key and a corresponding reference record retrieved. The current and reference records are compared. Any data differences are identified and any updates included in the current record are written to the reference record. An embedded communications **specific** transmit counter **value** in the current record is incremented.

If there are no differences, **values** of the transmit counter in the current and reference records are read, otherwise the current record is written to an outgoing file.

When all records for a particular set of portable data processors have been processed by the communications controller, the controller establishes a communications session and directs transmission of the outgoing file to the relevant portable data processors and monitors transmission characteristics for integrity. If correctly transmitted and received, the reference **database** is updated by incrementing the transmit counters of all relevant reference **records**. In the **same** communications session, an input file of updated data records is received from the portable data processors and automatically written to the storage device. The file in the memory is converted to the common format for the host processor and transmitted to the host processor in this format.

USE/ADVANTAGE - E.g. for building site development, electrical maintenance, insurance sales or electrical appliance maintenance. Provides versatility in communication between host and remote terminals. Provides real-time interfacing. Optimises use of small memory capacity of portable terminal. Provides compatibility between disparate data processor which may be integrated together.

Dwg.2/3

Title Terms: DATA; COMMUNICATE; CENTRAL; HOST; DATA; PROCESSOR; REMOTE; PORTABLE; DATA; TERMINAL; DATA; LOG; COLLECT; SORT; COMMON; FORMAT; RECORD; FILE; GROUP; KEY; GENERATE; RECORD; **FIELD** ; RETRIEVAL; RECORD; REFERENCE; **DATABASE** ; COMPARE; WRITING; CURRENT; RECORD; OUTPUT; FILE; DIFFER; SEND; TERMINAL

Derwent Class: T01; W01

International Patent Class (Main): G06F-015/16

13/5/29 (Item 20 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

009770563 **Image available**
WPI Acc No: 1994-050414/199407
Related WPI Acc No: 1992-383947
XRPX Acc No: N94-039730

Computer entity-relation database method for monitored mfg. process -
using linked list to define relationship between data elements
between each of predefined sets and retrieving all of elements of any
selected predefined set from two entity fields
Patent Assignee: AUTOMATED TECHNOLOGY ASSOC INC (AUTO-N); PRAEDICTUS CORP
(PRAE-N)

Inventor: LAYDEN D J; LAYDEN J E; PEARSON T A
Number of Countries: 021 Number of Patents: 010

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 583108	A2	19940216	EP 93305969	A	19930728	199407 B
AU 9344311	A	19940203	AU 9344311	A	19930729	199411
CA 2100599	A	19940131	CA 2100599	A	19930715	199416
EP 583108	A3	19940608	EP 93305969	A	19930728	199526
AU 664763	B	19951130	AU 9344311	A	19930729	199604
US 5560006	A	19960924	US 91700548	A	19910515	199644
			US 92922491	A	19920730	
			US 95436786	A	19950508	
MX 186404	B	19971014	MX 934557	A	19930728	199901
CA 2100599	C	20001017	CA 2100599	A	19930715	200058
EP 583108	B1	20020123	EP 93305969	A	19930728	200207
DE 69331483	E	20020314	DE 631483	A	19930728	200226
			EP 93305969	A	19930728	

Priority Applications (No Type Date): US 92922491 A 19920730; US 91700548 A
19910515; US 95436786 A 19950508

Cited Patents: No-SR.Pub; 5.Jnl.Ref; EP 114944; EP 389151

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 583108	A2	E	25	G06F-015/40	
Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE					
AU 9344311	A			G06F-015/40	
CA 2100599	A			G06F-015/46	
EP 583108	A3			G06F-015/40	
AU 664763	B			G06F-015/40	Previous Publ. patent AU 9344311
US 5560006	A	18		G06F-017/30	CIP of application US 91700548 Cont of application US 92922491 CIP of patent US 5339257
MX 186404	B			G06F-015/040	
CA 2100599	C	E		G06F-015/40	
EP 583108	B1	E		G06F-017/30	
Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE					
DE 69331483	E			G06F-017/30	Based on patent EP 583108

Abstract (Basic): EP 583108 A

The method of handling pre-defined sets of related information involves constructing a database including a number of entity fields, and adding data elements to the database such that elements of each of the predefined sets are located in at least two of the entity fields. Then, associating with each element of a second entity field an address for a first and a last related element in a first entity field the set of all such addresses for these elements forming together a head of a linked list. Next, associating with each element of the first entity

field addresses for the next related and previous elements . The set of all such addresses for the next and previous related elements forms a continuation of a linked list.

Then, indexing the data elements in at least the second entity field in an order related to a selected characteristic of the data elements within the indexed entity field . Finally, retrieving a selected one of the predefined sets of elements from the entity fields using a binary search.

ADVANTAGE - Can complete data access and retrieval in every instance, and even in worst case operates within chosen time limit.

Dwg.2/2

Title Terms: COMPUTER; ENTITY; RELATED; **DATABASE** ; METHOD; MONITOR; MANUFACTURE; PROCESS; LINK; LIST; DEFINE; RELATED; DATA; **ELEMENT** ; PREDEFINED; SET; RETRIEVAL; **ELEMENT** ; SELECT; PREDEFINED; SET; TWO; ENTITY; **FIELD**

Derwent Class: T01

International Patent Class (Main): **G06F-015/040** ; **G06F-015/40** ; **G06F-015/46** ; **G06F-017/30**

International Patent Class (Additional): **G06F-012/008** ; **G06F-012/08** ; **G06F-015/020** ; **G06F-015/419**

File Segment: EPI

13/5/31 (Item 22 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

008547059 **Image available**

WPI Acc No: 1991-051122/199107

XRPX Acc No: N91-039579

Identifying and displaying discrepancies in vehicle titles - automatically identifying discrepancies inherent in individual title transaction records and identifying contextual discrepancies

Patent Assignee: CARFAX INC (CARF-N)

Inventor: BARNETT E H

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 4989144	A	19910129	US 89320231	A	19890307	199107 B

Priority Applications (No Type Date): US 89320231 A 19890307; US 89301249 A 19890124

Abstract (Basic): US 4989144 A

A computer method for rapidly identifying and displaying discrepancies in vehicle titles comprises the steps of, at intervals, gathering recent title transaction data from a number of sources indexed by vehicle identification number. The data from different sources having common and different data elements and being organised differently. Records are then added to a master database having a number of transaction standard variable format records indexed by vehicle identification number.

All records indexed by the same vehicle identification number are selected and the discrepancies inherent in the individual transaction records selected are identified. The contextual discrepancies which may be determined by comparison of transaction records indexed by the same vehicle identification number are also identified. The title transactions and discrepancies, if any, identified in the following steps are displayed.

USE/ADVANTAGE - Efficiently supplies analysis of static discrepancies and contextual discrepancies. (18pp Dwg.No.1/4

Title Terms: IDENTIFY; DISPLAY; DISCREPANCY; VEHICLE; TITLE; AUTOMATIC; IDENTIFY; DISCREPANCY; INHERENT; INDIVIDUAL; TITLE; TRANSACTION; RECORD; IDENTIFY; DISCREPANCY

Derwent Class: T01

International Patent Class (Additional): **G06F-015/40**

File Segment: EPI